

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process of producing a molded article from a composition comprising a syndiotactic vinyl aromatic polymer, wherein the molded article has a residual vinyl aromatic monomer content of less than 0.05 per 100 parts syndiotactic vinyl aromatic polymer comprising molding a composition of a syndiotactic vinyl aromatic polymer having a residual vinyl aromatic monomer content of less than 0.3 parts per 100 parts syndiotactic vinyl aromatic polymer, at a temperature of from 265°C to 305°C to produce a molded article; and heat treating the molded article at a temperature of 210°C to 230°C for at least 2 minutes to thermally initiate free radical polymerization of the residual monomer.